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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/602,696	06/25/2003	Makoto Aikawa	501.42780X00	1583	
24956	24956 7590 09/28/2006			EXAMINER	
	LY, STANGER, MAL NAL ROAD	GERGISO, TECHANE			
SUITE 370			ART UNIT	PAPER NUMBER	
ALEXANDE	ALEXANDRIA, VA 22314				

DATE MAILED: 09/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
Office Action Commence	10/602,696	AIKAWA ET AL.			
Office Action Summary	Examiner	Art Unit			
	Techane J. Gergiso T.G	2137			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tirn vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 06/25	<u>5/2003</u> .				
<i>,</i>					
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.			
Disposition of Claims					
4) ⊠ Claim(s) 1-19 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ⊠ Claim(s) 1-19 are subject to restriction and/or expressions.	vn from consideration.				
Application Papers					
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acce Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	epted or b) objected to by the I drawing(s) be held in abeyance. See ion is required if the drawing(s) is ob	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).			
·					
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priority application from the International Bureau. * See the attached detailed Office action for a list	s have been received. s have been received in Applicati rity documents have been receive u (PCT Rule 17.2(a)).	on No ed in this National Stage			
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal F 6) Other:	ate			

DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1, 3, 5 and 8 are drawn to a smart card, comprising: communication unit to communicate with the outside; information accumulating unit to accumulate data and a program; and arithmetic processing unit to perform information processing they are classified in class 726 subclass 20; class 379 subclass 211.05; and class 705 subclass 41.
 - II. Claims 10, 12, and 14 are drawn to a settlement terminal comprising: first card reading and writing unit having a function of communicating with a first smart card that holds first value data inside; second card reading and writing unit having a function of communicating with a second smart card that holds second value data inside; and arithmetic processing unit to update the first value data and the second value data by performing encryption between the first smart card and the second smart card and said arithmetic processing unit comprises the steps of: obtaining, comparing, and updating the value data and they are classified in class 726 subclass 9; class 725 subclass 6; class 257and subclass 922.
 - III. Claims 17, and 18 are drawn a smart card that transmits/receives value data to/from another smart card, said smart card comprising: information

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accumulating unit to accumulate the value data, a transfer key used to update the value data, and an update key used to update the transfer key; communication unit to receive a transfer key encrypted by use of the update key, said transfer key being transmitted from said another smart card; and arithmetic processing unit to decrypt the encrypted transfer key by use of the update key to update the transfer key accumulated in the information accumulating unit by use of the decrypted transfer key and they are classified in class 726 subclass 9; class 705 subclass 41; class 257and subclass 922.

IV. Claim 19 is drawn to a settlement terminal that transmits/receives first value data accumulated in a first smart card and second value data accumulated in a second smart card; the settlement terminal comprising: first smart-card read/write unit for receiving the first transfer key encrypted by use of the update key from the first smart card; and second smart-card read/write unit to transmit, to the second smart card, a transfer-key update request requesting that the second transfer key of the second smart card class and they are classified in class 726 subclass 9; class 725 subclass 6; class 257and subclass 922; class 902 and subclass 26.

2. The inventions are distinct, each from the other because of the following reasons:

Inventions I-IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be

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separately usable. For example, Group I is a smart card, comprising: communication unit to communicate with the outside; information accumulating unit to accumulate data and a program; and arithmetic processing unit to perform information processing; and Group II is a settlement terminal comprising: first card reading and writing unit having a function of communicating with a first smart card that holds first value data inside; second card reading and writing unit having a function of communicating with a second smart card that holds second value data inside; and arithmetic processing unit to update the first value data and the second value data by performing encryption between the first smart card and the second smart card and said arithmetic processing unit comprises the steps of: obtaining, comparing, and updating the value data.

Furthermore, Group III is a smart card that transmits/receives value data to/from another smart card, said smart card comprising: information accumulating unit to accumulate the value data, a transfer key used to update the value data, and an update key used to update the transfer key; communication unit to receive a transfer key encrypted by use of the update key, said transfer key being transmitted from said another smart card; and arithmetic processing unit to decrypt the encrypted transfer key by use of the update key to update the transfer key accumulated in the information accumulating unit by use of the decrypted transfer key; and Group IV is a settlement terminal that transmits/receives first value data accumulated in a first smart card and second value data accumulated in a second smart card; the settlement terminal comprising: first smart-card read/write unit for receiving the first transfer key encrypted by use of the update key from the first smart card; and second smart-card read/write unit to transmit, to

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the second smart card, a transfer-key update request requesting that the second transfer key of the second smart card class.

- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their classification, restriction for examination purpose as indicated is proper.
- 4. Because these inventions are distinct for the reason given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination as indicated is proper.
- 5. Because these inventions are distinct for the reason given above and the search strategies required for Group I-VI are mutually distinct, restriction for examination purpose as indicated is proper.
- 6. Applicants are advised that the replay to this requirement to be completed must include an election of the invention to be examined even though the requirement can be traversed (37 CFR 1.143).
- 7. Applicant is reminded that upon the cancellation of the claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the

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application. Any amendment of the inventorship must be accompanied by a petition under 37

CFR 1.48(b) and by fee required under 37 CFR 1.17(i).

Contact Information

Any inquiry concerning this communication or earlier communications from the 8.

examiner should be directed to Techane J. Gergiso whose telephone number is (571) 272-3784.

The examiner can normally be reached on 9:00am - 6:00pm. If attempts to reach the examiner by

telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571)

272-3865. The fax phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent'

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

T.6 Techane Gergiso

Patent Examiner

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September 25, 2006